



Lead Testing in School and Child Care Program Drinking Water Grant

Phase II

Scope of Work

This section is a discussion of DEQ's plan to continue the implementation of the lead testing program in child care facilities and public schools and how this program will meet goals as they relate to the reduction of lead in drinking water exposure in children.

State Goals and Priorities

Idaho has 312,011 students (pre-K – 12) enrolled in 727 public schools in 162 school districts, and approximately 2,360 child care facilities. DEQ has identified goals and priorities consistent with the priorities outlined in EPA's State Lead Testing in School and Child Care Program Drinking Water Grant Implementation Document (www.epa.gov/safewater/grants).

In accordance with the America's Waters Infrastructure Act (AWIA) of 2018, which amended the SDWA section 1464(d), DEQ will provide funds to voluntarily test for lead contamination in drinking water at child care facilities that are in low-income areas, as described based upon the affordability criteria established by the State under SDWA section 1452(d)(3). DEQ will prioritize funding to target facilities with at least 50% of the children receiving free and reduced lunch and Head Start facilities. Other priorities will include:

- Child care programs that primarily care for children 6 years and under;
- Older facilities that are more likely to contain lead plumbing (e.g. facilities built before the lead ban of 1988); and
- Established and sustainable child care programs without factors indicating that the building may not be serving as a child care facility in the future.

Schools: The Idaho Bureau of Laboratories (IBL) previously provided free lead testing for public schools (July 1, 2016 – June 30, 2020). IBL serves as Idaho's principal state laboratory for drinking water testing within the Idaho Department of Health and Welfare (IDHW) Division of Public Health. IBL is certified by the EPA drinking water office for lead analysis. Fees associated with public school lead testing are waived by IDHW because taxpayer funds were used to purchase the instrumentation for lead testing in 2015. Using the priorities listed above, DEQ will continue the free testing available to schools through the grant.

Child care facilities: Child care facilities were not eligible for the IBL free lead testing program. It is DEQ's goal to prioritize reduction of lead exposure at these facilities by providing funds to test for lead, assist in identifying potential lead sources, and encouraging facility owners to take action.

Using the priorities listed above, this testing effort includes the goals of:

- Notifying 100% of the child care facilities in low-income areas of the grant availability by the end of the project period.
- Providing education about the importance of the 3T's to all Head Start facilities.

Timeline and Milestones

The anticipated timeline for the project, including milestones for specific tasks, is as follows:

- **SFY2022 Quarter 1:** Continue partnerships, publishing resources and information on DEQ webpage, and receive funding from federal award agency.
- **SFY2022 Quarter 2:** Notification to sub awardees, continue public communication campaign about the grant program.
 - Provide education about lead and the importance of testing to all schools & child care facilities
- **SFY2022 Quarters 2-4:** Continue public communication campaign, provide training where resources allow, assist facilities with elevated lead levels, and publish test results monthly.
 - DEQ expects to have notified 100% of the public schools and child care facilities of the grant availability by this point.
- **SFY2022:** Continue public communication campaign, provide training where resources allow, assist facilities with elevated lead levels, and publish test results monthly.

Program participation and effectiveness of the public communication campaign will be evaluated quarterly. Program implementation activities may be focused in specific areas as effectiveness of the proposed activities are assessed.

Additional information will be provided by EPA in the Terms and Conditions for project completion. The project objectives and milestones will align with the terms and conditions as required by the Agency.

Outputs and Outcomes

Anticipated outputs and outcomes to be achieved under the agreement are described below.

Outputs for this project include:

- Use the EPA's 3T's for Reducing Lead in Drinking Water guidance to implement the state program;
- Prioritize 3T's testing to target vulnerable communities and populations: child care programs in underserved and/or low-income communities; child care programs that primarily care for children 6 years and under; and older facilities that are more likely to contain lead plumbing; and
- Post results of any voluntary testing for lead contamination in child care facility drinking water carried out using grant funds and requiring facilities to notify parents, teachers, and organizations of the availability of the results.

Outcomes for this project include:

- Child care programs unable to pay for testing will implement a testing program and mitigate lead exposure by using the 3Ts toolkit in determining best action to take for remediation;
- Reduce children's exposure to lead in drinking water;

- Improve staff and community knowledge on lead in drinking water and other environmental harms;
- Improve water quality; and
- Establish routine practices, such as those outlined in the 3Ts guidance.

Other outcomes include:

- Fostering sustainable partnerships at the state and local level to allow for a more efficient use of resources and the exchange of information among experts in various areas of child care, utility, and health sectors; and
- Enhancing community, parent, and teacher trust.

Budget

July 2021 – June 2022

I. Personnel:	Hours	Hourly Wage	Federal
Analyst 3 0.12 FTE's	163	\$25.00	\$4,075
Fringe @ 42%			\$1,712
(includes social security, health/life insurance, retirement workman's compensation, unemployment insurance, human resources).			
Total Personnel & Fringe:			\$5,787
II. Supplies: (based on historical cost)			
General Office Supplies			\$17
Total Supplies:			\$17
III. Equipment:			\$0
IV. Travel: (based on historical cost)			\$0
V. Contractual:			
Lead Water Tests - Test sent by lab, performed by facility, sent back to lab			
Estimated 2000 facilities (Public Schools, Head Start, Childcare Facilities)			
Estimated at \$21 per test, and approximate number of 4 tests per site			\$168,000
Estimated 30% of facilities will need remediation (600)			
Estimated at \$21 per test, and approximate number of 4 tests per site			\$50,400
Total Contractual:			\$218,400
VI. Other:			\$0
VII. Indirect @ .3104			\$1,796
(includes administrative services, fiscal, DEQ human resources, facilities management, environmental outreach, computer information systems, regional administrators, rent, and attorney general's office).			
Total Indirect:			\$1,796
TOTALS			\$226,000

Summary Budget Detail	Federal
Personnel	\$4,075
Fringe Benefits	\$1,712
Supplies	\$17
Equipment	\$0
Travel	\$0
Contractual	\$218,400
Other	\$0
Total Direct Charges	\$224,204
Indirect Charges	\$1,796
TOTALS	\$226,000

Appendix A. Potential Program Partners

Below are potential partners for this program.

- Local Health Departments
- Water Utilities
- Facility Directors
- Facility staff
- Parents
- Local plumbing and construction contractors/suppliers